

Notice of Allowability

Application No.

10/687,693

Examiner

Angela M. Lie

Applicant(s)

YAMASHITA ET AL.

Art Unit

2821

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 10/7/2005.
2. ☒ The allowed claim(s) is/are 2-33.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.


Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


WILSON LEE
PRIMARY EXAMINER

DETAILED ACTION

Allowable Subject Matter

1. Claims 2-33 are allowed.
2. The following is an examiner's statement of reasons for allowance:

As to claim 2, the prior art fails to disclose a fluorescent lamp lighting device comprising: an electrode filaments, a substrate, a capacitor, a positive temperature characteristic thermistor, a negative temperature characteristic thermistor, wherein those elements are connected in the manner as disclosed in claim 2, and wherein the positive characteristic thermistor and the negative characteristic thermistor are mounted on mutually different mounting surfaces.

As to claims 3-11, those claims are allowed by the virtue of their dependency on claim 2.

As to claim 12, the prior art fails to teach a fluorescent lamp lighting device comprising: an electrode filaments, a substrate, a capacitor, a positive temperature characteristic thermistor, a negative temperature characteristic thermistor, wherein those elements are connected in the manner as disclosed in claim 12, and wherein the negative temperature characteristic thermistor is mounted on a fluorescent light bulb side of the electronic lighting circuit substrate.

As to claims 13 and 16-24, those claims are allowed by the virtue of their dependency on claim 12.

As to claim 14, the prior art fails to teach a fluorescent lamp lighting device comprising: an electrode filaments, a substrate, a capacitor, a positive temperature characteristic thermistor, a negative temperature characteristic thermistor, wherein those elements are connected in the manner as disclosed in claim 14, and wherein the positive temperature characteristic thermistor is mounted on a fluorescent light bulb side of the electronic lighting circuit substrate.

As to claims 15 and 25-33, those claims are allowed by the virtue of their dependency on claim 14.

3. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

The Prior Art

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

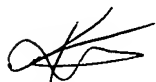
- US Patent 6600272 discloses a bulb-shaped fluorescent lamp, very similar electric circuitry to the disclosed in the application, however NTC and PTC are not identified in the drawing of the light bulb
- US Patent 6469447 discloses a fluorescent lamp lighting apparatus, this included description of the lighting circuitry and the drawing of the light bulb, however it does not explicitly mention about NTC or PTC.

Conclusion

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Angela M. Lie whose telephone number is 571-272-8445. The examiner can normally be reached on M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Don Wong can be reached on 571-272-1834. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Angela M Lie



WILSON LEE
PRIMARY EXAMINER